



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

October 5, 1988

Mr. Bill Almas  
Environmental Coordinator  
Energy Fuels Nuclear, Inc.  
One Tabor Center, Suite 2500  
1200 Seventeenth Street  
Denver, Colorado 80202

Dear Mr. Almas:

Re: Reclamation Admendments and Commitments, Far West, Patti Ann,  
Standard II, Ivy, M/037/019, M/037/003, M/037/011, M/037/034,  
San Juan County, Utah

I have received the information you sent concerning the transfer from Atlas Minerals to Energy Fuels of the mines addressed above. The letter you sent amends and commits to specific procedures that Energy Fuels will follow, at the final reclamation of these sites. The Division approves the information you have sent with the following conditions:

1. That Energy Fuels will seal the Columbia Shaft, at the Patti Ann Mine site, with a concrete plug and cap. Based on our phone conversation of October 5, 1988 I am confirming your commitment to weld a metal plate 2-3 feet down from the ground surface inside the steel casing of the shaft. To then pour a concrete plug into the shaft and on to the surrounding ground surface some 6-8 feet from the shaft. The plug would be reinforced with rebar. After the plug had hardened, earthen material would be spread and graded over it, to a depth that would prevent exposure of the plug and provide an adequate rooting medium for vegetation.



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Bill Almas  
Energy Fuels Nuclear, Inc.  
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2. That Energy Fuels will seal the shop portal, at the Ivy Mine site with blocks and concrete, rather than with a wooden bulkhead. We also spoke about this change over the phone on October 5, 1988. This is again something that you indicated Energy Fuels would agree to.

If I have misquoted or misinterpreted Energy Fuel's commitments please advise me. A brief, formal acknowledgement of, or agreement to these conditions will be appreciated.

Thank you for your help and attention.

Sincerely,

A handwritten signature in dark ink, appearing to read "H. Shepherd", written in a cursive style.

Holland Shepherd  
Reclamation Soils Specialist

jb  
5/33-34